

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4/A
22 Jun 00
R. Tallent

In re Application of:) Examiner:
HEENAN, Sidney A., et al.) Group Art Unit:
Serial No.:)
Filed: (herewith))
For: RETOREFLECTIVE ARTICLES)
HAVING MICROCUBES, AND)
TOOLS AND METHODS FOR)
FORMING MICROCUBES)

PRELIMINARY AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Prior to substantive examination of this application, please amend the
specification as follows:

IN THE SPECIFICATION:

At page 16, for the definition that starts with "Contiguous microcubes", please
add the following sentence to the end of that definition -- An array of contiguous microcubes is
one in which the non-dihedral face edges of each microcube (except those at the perimeter of the
array) are coincident with non-dihedral face edges of another microcube.

At page 17, line 6, delete "or dihedral angles" and insert therefor -- space --.

At page 19, the paragraph starting with "Microcube", insert a period "." after the
indication (1mm²), and delete the rest of that paragraph.

At page 20, line 2, delete "usually".

At page 40, at line 14 (the end of the second full paragraph on the page), insert --

A² The entrance plane is assumed to be parallel to a symmetry plane of the cube corners. --

At page 52, line 8, delete "for" and insert therefor -- of --.

At page 53, rewrite Equation I as

A³

$$\text{EQUATION I: } cant = \cos^{-1} \left\{ \frac{1}{\sqrt{3AB}} \left[1 + (\sqrt{A} + \sqrt{B}) \sqrt{\frac{AB - 1}{A + B}} \right] \right\}$$

At page 60, line 20, delete "9°" and insert therefor -- -9° --.

At page 60, line 24~~19~~ - page 61, line 1, delete "equal to the cube axis cant, CAC, plus 35.26° (in this example at an angle, X, equal to 9° plus 35.26°, or 44.26°);" and insert therefor -- equal to 35.26° less the cube axis cant (hereinafter "CAC"), (in this example at an angle X, equal to 35.26° - (-9°), or 44.26°); --.

A⁴

At page 61, line 3, after "face" insert -- 113 --.


At page 61, line 5, delete "plus" and insert -- minus --.

At page 61, line 10, delete "9°" and insert therefor -- -9° --.

At page 61, line 12, delete "9°" and insert therefor -- -9° --.

It is respectfully requested that the foregoing amendments be entered and this application be given prompt consideration on its merits.

Respectfully submitted,



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Reg. No. 30,814

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